



FIGURE 7**B** Hunttec

Geopulse (7**A**) and Hunttec deep-tow (7**B**) boomer profiles obtained along the same survey line during system tests showing the advantages of, and problems with, both systems. The profiles have been prepared at the same vertical and horizontal scales and have the same annotation (letters A through E) to aid comparison. The letter A in Figure 7**B** denotes the sea-surface ghost, resulting from the sea-surface reflection of the out-going pulse from the Hunttec system, which was being towed about 20 m depth. The Geopulse sound source, which is towed at the sea surface, does not produce a sea-surface ghost. The letters B and C denote areas of ambiguous reflections where the sea-surface ghost overlaps with 'real' data in the Hunttec profile. The Geopulse does not produce such an artifact in the record and shows better depth of penetration when operated at shelf depth. The Hunttec profile, however, shows better definition of reflections where there is not interference of the sea-surface ghost, e.g., at D in the profiles. The seafloor multiple is at E. Profile locations in Figure 6.